

Special Issue

Cellular and Molecular Mechanisms of Plant Responses to Light

Message from the Guest Editors

The absorption of light energy by the plant is the basis for photosynthesis, and growth and development. However, different photoreceptors in the plant specifically recognize different wavelengths of light signals to regulate growth and development. As researchers have put various effort to reveal the roles of light in the plant for a long period of time, more and more underlying mechanisms at cellular and molecular levels are revealed, making this as one of the most interesting research topics in current plant science. In this special issue, we would like to invite authors to publish original research papers and critical reviews on 'Cellular and Molecular Mechanisms of Plant Responses to Light'. Although it is not exclusive, the focus will be on expression of genes, biosynthesis of metabolites and antioxidants, resistance to stresses, photomorphogenesis, photoperiodic responses, and nutrient uptake of plants in response to light.

Prof. Dr. Byoung Ryong Ryong Jeong

Guest Editors

Prof. Dr. Qichang Yang

Institute of Urban Agriculture, Chinese Academy of Agricultural Sciences (IUA-CAAS), Chengdu 600001, China

Prof. Dr. Byoung Ryong Jeong

Department of Horticulture, Division of Applied Life Science, Graduate School, Gyeongsang National University (GNU), Jinju 52828, Republic of Korea

Deadline for manuscript submissions

closed (28 March 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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